

Fig. 1 PRIOR ART

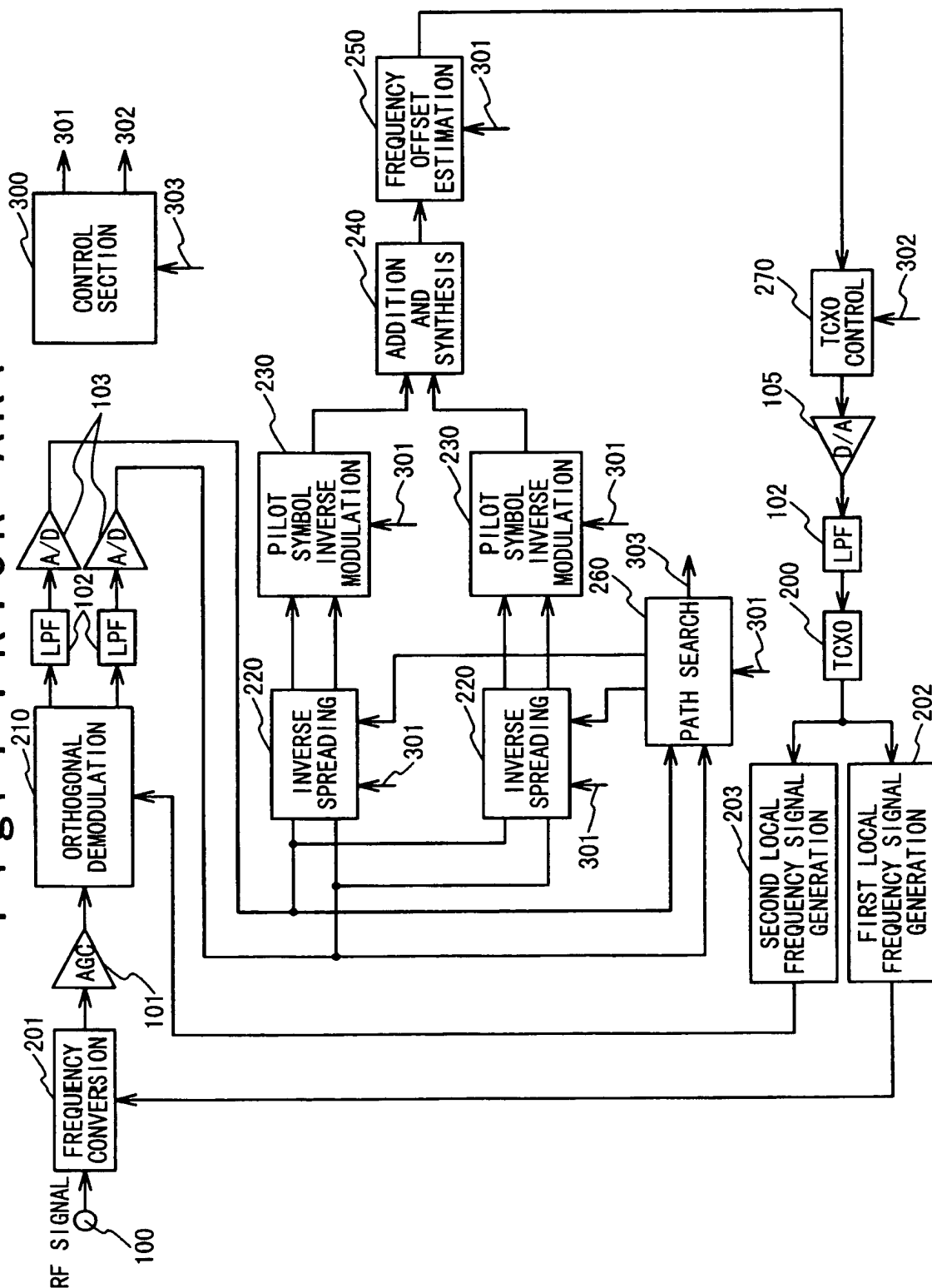




Fig. 2A
PRIOR ART
ESTIMATED
FRAME FORMAT

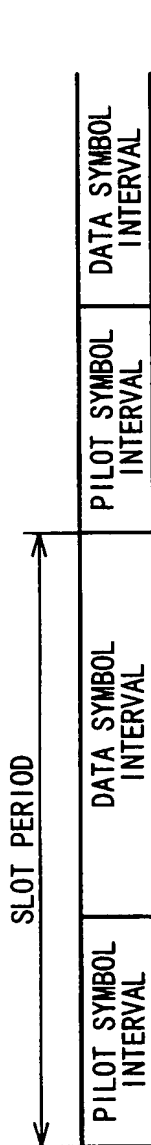


Fig. 2B
PRIOR ART
SYMBOL AFTER
INVERSE SPREADING
(SYMBOL RATE = F_s)

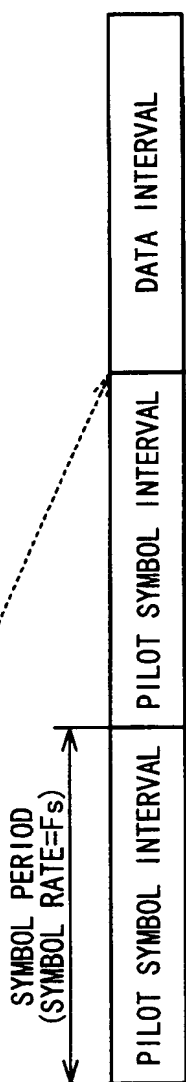


Fig. 2C
PRIOR ART
SYMBOL AFTER
INVERSE SPREADING
(SYMBOL RATE = $2 \cdot F_s$)

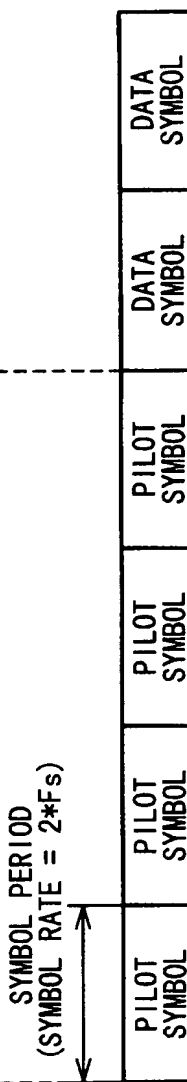


Fig. 2D
PRIOR ART
SPREAD SYMBOL

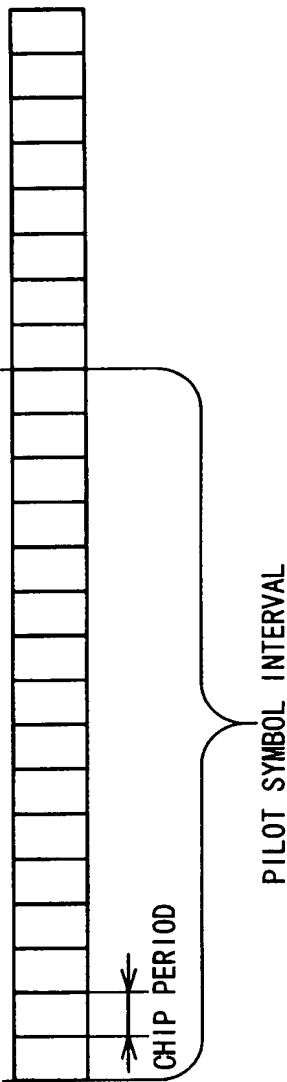




Fig. 4A
PRIOR ART

Fig. 4B
PRIOR ART

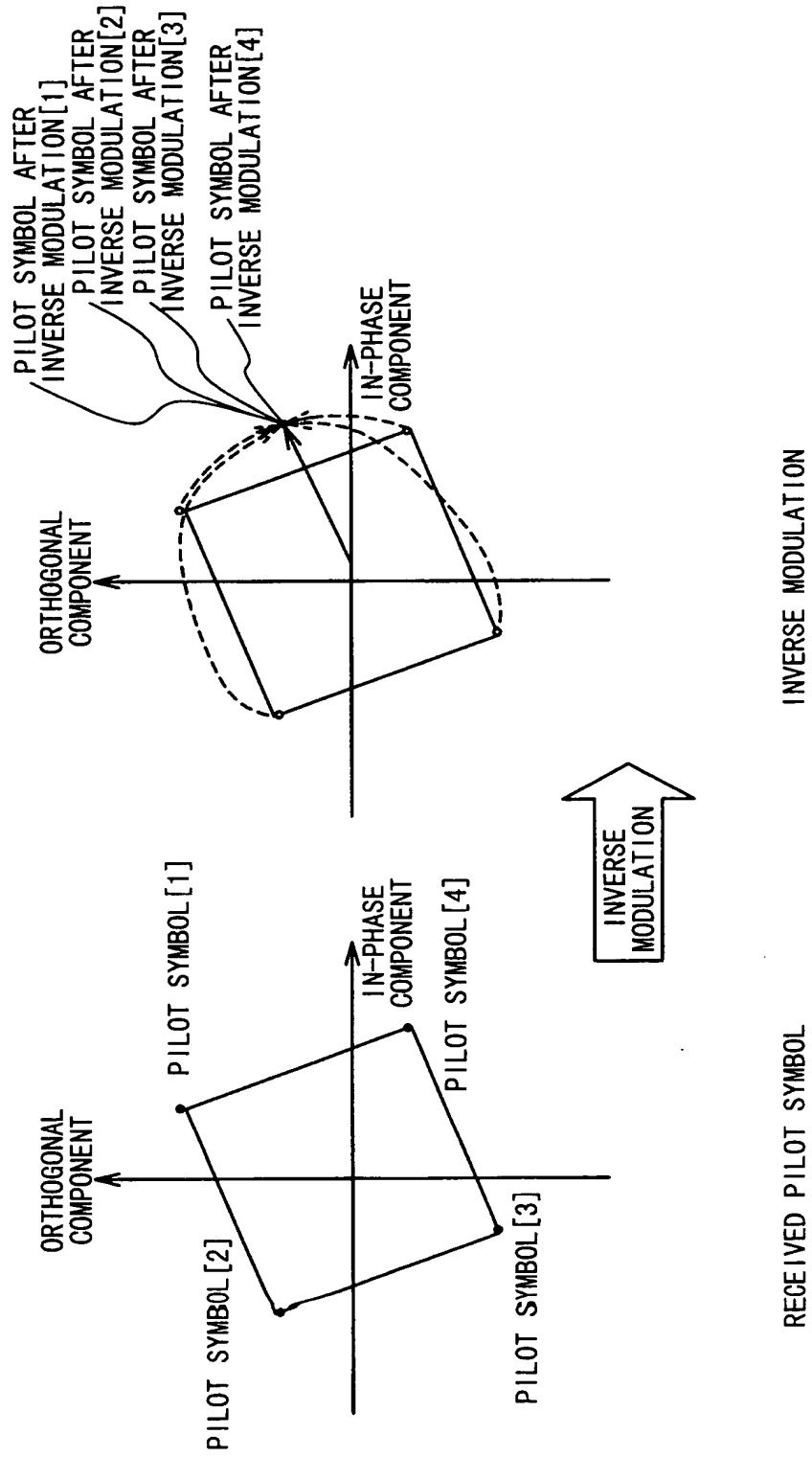




Fig. 5

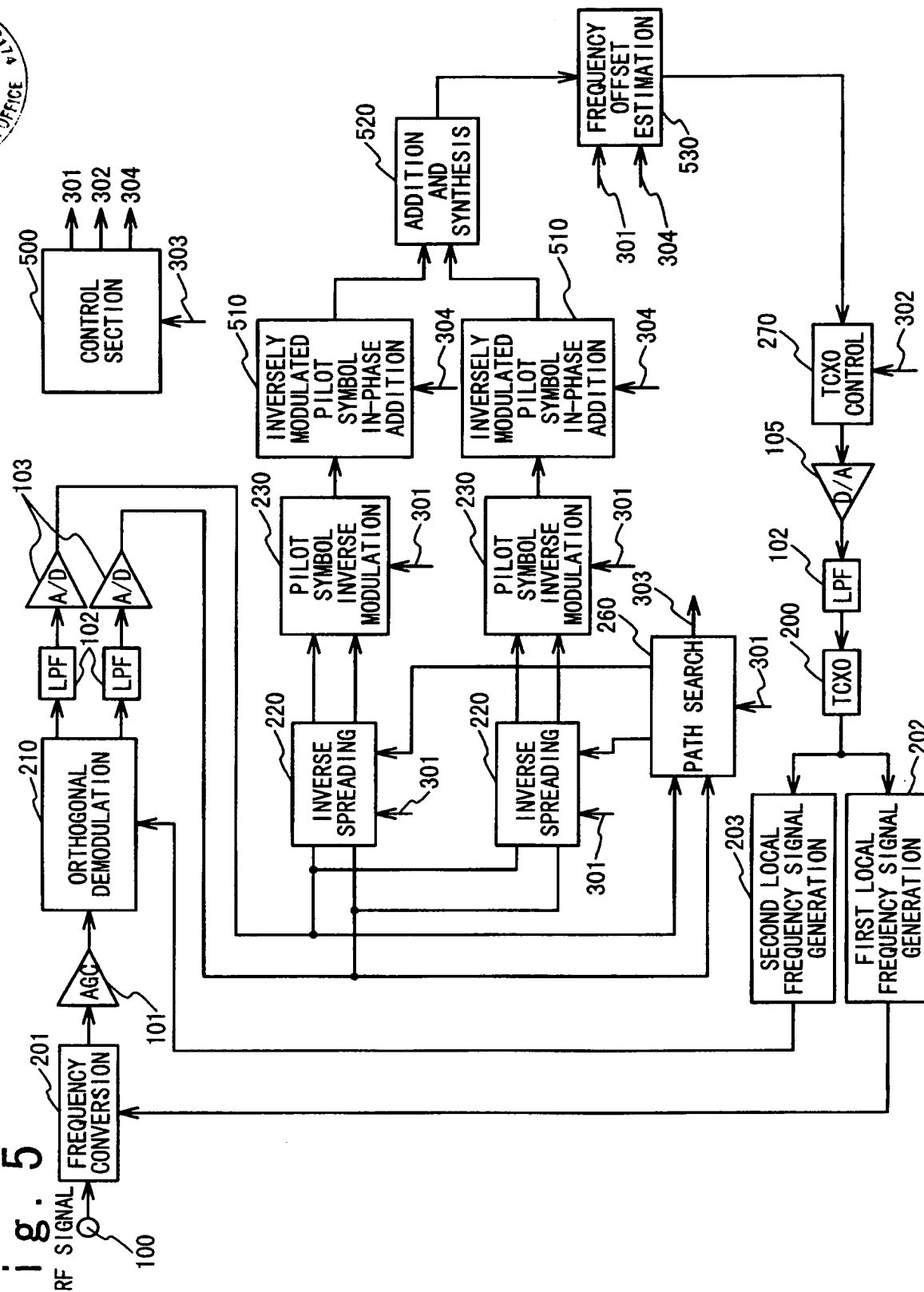


Fig. 6

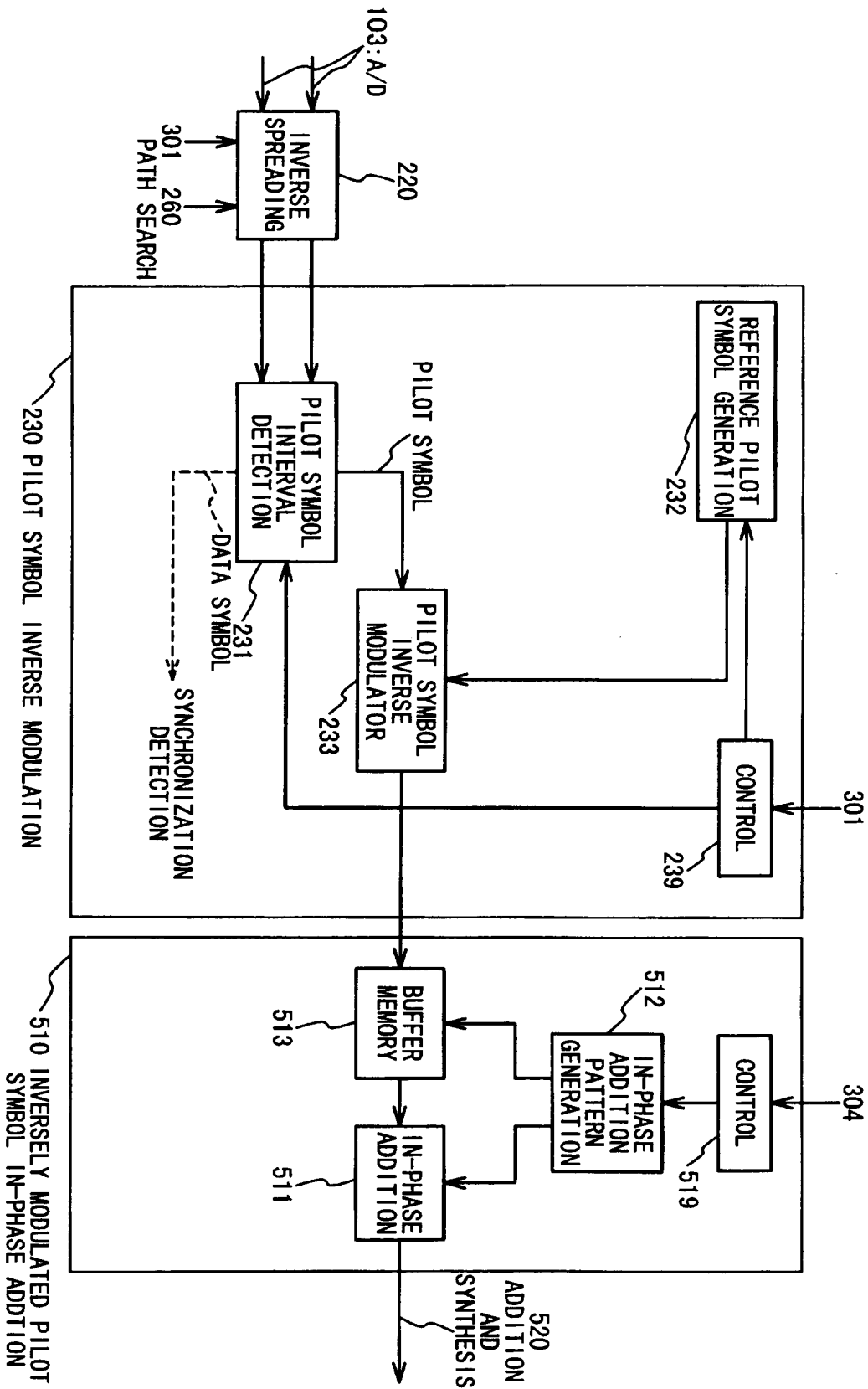
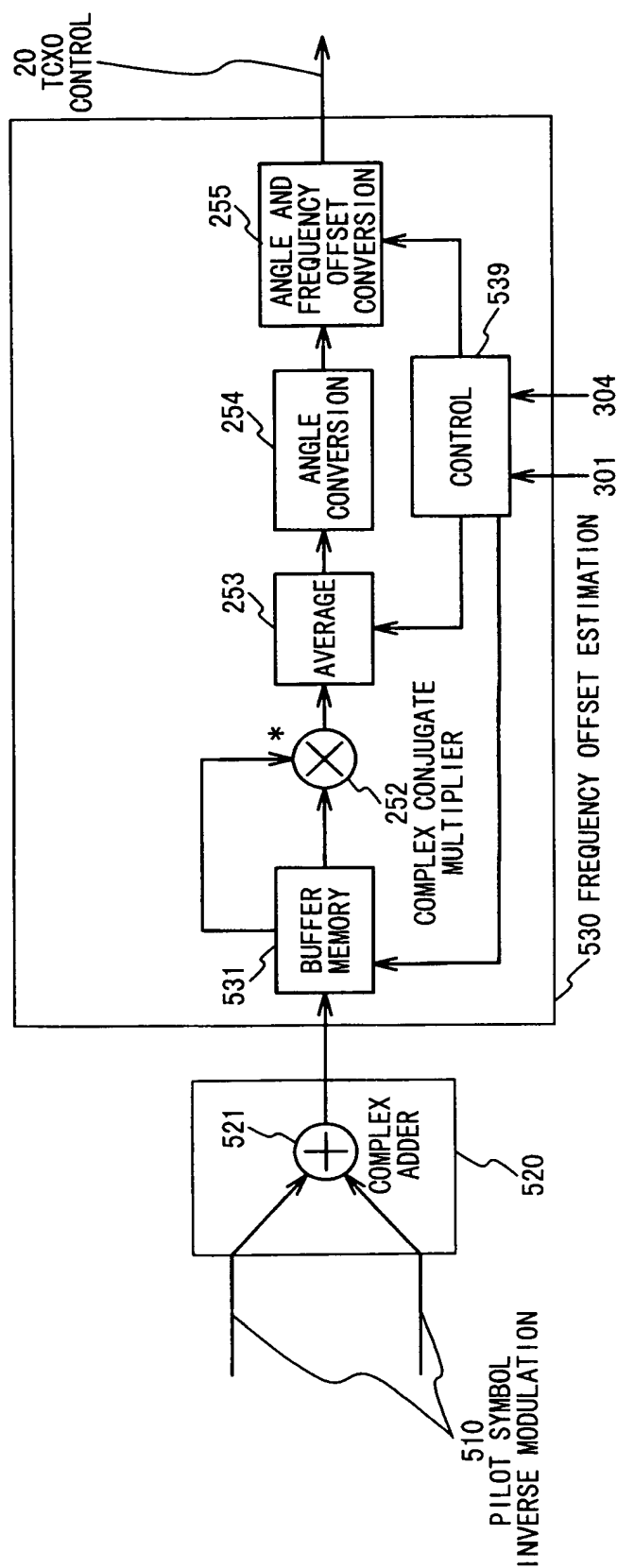




Fig. 7



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